

In the Claims:

1. An afterburner device for stoves for burning wood or other types of biomass, coke or coal, supplying fresh, heated air to a zone in the stove above the stove's combustion chamber,

characterised in that the device is constituted by a plate, that is folded and provided with holes, wherein the plate is installed on the inside of a side or rear wall of an existing traditional stove constructed without aperture(s) for secondary air, and for cooperation with at least one secondary air aperture arranged in said wall upon installation of the plate in the already existing stove.

2. The afterburner device according to claim 1,

characterised in that the plate has a number of holes or slits near a folded end of the plate, the holes or slits being arranged at the uppermost edge when installed, to allow air to get to the said zone, as at least one secondary air aperture is arranged in a position just above a lower folded end of the plate when it is installed, whereby air can be pre-heated while rising up behind the plate.

3. The afterburner device according to claim 1,

characterised in that the plate is provided with holes near a folded end of the plate where the holes are arranged towards the bottom edge when installed, to establish and maintain a pilot flame.

4. The afterburner device of claim 1,

characterised in that the plate consists of two parts which can be mutually displaced to provide an adjustable dimension in a lateral direction when installed, for adaptation to stoves of different sizes.